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System

The SAS  
18:13 Friday, February 2, 2007

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NOTE: Running on ALPHASERVER Model 2100 5/300 Serial Number 80000000.

Welcome to the NHEERL-RTP SAS Information Delivery System.

```
1           *THIS FILE CONTAINS CUE TESTING DATA FOR STANDARD TRACE FEAR
CONDITIONING IN PERCHLORATE EXPOSED ANIMALS M0703;
2           *ANIMALS TESTED IN A276 BY LI SUI WITH NEW COLBOURNE
EQUIPMENT;
3           *6 CS US PAIRINGS WITH LIGHT/TONE CUE ON FOR 15S;
4           *TESTING OCCURRED 24HRS 48HRS AND 72HOURS AFTER TRAINING;
5           *DATA WERE TRANSFORMED FROM ACTIVITY MONITOR RAW OUTPUT
THROUGH PROGRAM BY CHARLES HAMM PLACING ACTIVITY COUNTS AND
REALNIALIZED
6           USING 15 SEC BINS - ORIGINAL ANALYSIS WAS 60SECOND BINS;
7           *COUNTING FREEZING ONLY AS ABSENCE OF MOVEMENT FOR 1 SEC OR
MORE;
8           *ACTIVITY MONITOR SET ON RAT 4 LAMPS WITH RED 25WATT BULBS IN
TRAINING/CONTEXT ROOM;
9           *ONLY 2 BOXES??;
10
11           *ENTER DATA FOR TESTING 24 HOURS AFTER TRAINING COMPLETE;
12           DATA DAY1;
13           INFILE '[GILBERT.M0703_PERCHLORATE_INVIVO]CUE151.DAT';
14           INPUT PROTOCOL DAY DOSE COHORT $ SQUAD ANIMAL ID STATE BIN
MINS COUNT FREEZE;
15           *EACH BIN IS 15 SEC, FREEZE X 100 IS PERCENT OF TIME IN BIN
FREEZING EACH 15 SEC BIN;
16           DROP PROTOCOL COHORT SQUAD ANIMAL MINS;
17           DAY=1;
18
19           *PROC PRINT;
20
21           *ENTER DATA FOR EXTINCTION TRIAL 2;
```

NOTE: The infile '[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE151.DAT' is:  
File=DSA9:[SAS\$USERS.GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE151.DAT

NOTE: 3784 records were read from the infile  
'[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE151.DAT'.  
The minimum record length was 25.  
The maximum record length was 39.

NOTE: The data set WORK.DAY1 has 3784 observations and 7 variables.

```
22           DATA DAY2;
23           INFILE '[GILBERT.M0703_PERCHLORATE_INVIVO]CUE152.DAT';
```

```
24           INPUT PROTOCOL DAY DOSE COHORT $ SQUAD ANIMAL ID STATE BIN  
MINS COUNT FREEZE;  
25           *EACH BIN IS 15 SEC, FREEZE X 100 IS PERCENT OF TIME IN BIN  
FREEZING EACH 15 SEC BIN;  
26           DROP PROTOCOL COHORT SQUAD ANIMAL MINS;  
27           DAY=2;  
28  
29           *PROC PRINT;  
30  
31           *ENTER DATA FOR EXTINCTION TRIAL 2;
```

NOTE: The infile '[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE152.DAT' is:  
File=DSA9:[SAS\$USERS.GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE152.DAT

NOTE: 3784 records were read from the infile  
'[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE152.DAT'.  
The minimum record length was 26.  
The maximum record length was 39.

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NOTE: The data set WORK.DAY2 has 3784 observations and 7 variables.

```
32           DATA DAY3;  
33           INFILE '[GILBERT.M0703_PERCHLORATE_INVIVO]CUE153.DAT';  
34           INPUT PROTOCOL DAY DOSE COHORT $ SQUAD ANIMAL ID STATE BIN  
MINS COUNT FREEZE;  
35           *EACH BIN IS 15 SEC, FREEZE X 100 IS PERCENT OF TIME IN BIN  
FREEZING EACH 15 SEC BIN;  
36           DROP PROTOCOL COHORT SQUAD ANIMAL MINS;  
37           DAY=3;  
38  
39           *PROC PRINT;  
40
```

NOTE: The infile '[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE153.DAT' is:  
File=DSA9:[SAS\$USERS.GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE153.DAT

NOTE: 3784 records were read from the infile  
'[GILBERT.M0703\_PERCHLORATE\_INVIVO]CUE153.DAT'.  
The minimum record length was 26.  
The maximum record length was 40.

NOTE: The data set WORK.DAY3 has 3784 observations and 7 variables.

```
41           DATA TRACE;  
42           SET DAY1 DAY2 DAY3;  
43           FRZ=FRZ*100;  
44           IF BIN GT 21 THEN DELETE;  
45  
46           *DOSE=0PPM;  
47           IF ID=494 THEN DOSE=0;  
48           IF ID=537 THEN DOSE=0;  
49           IF ID=570 THEN DOSE=0;  
50           IF ID=589 THEN DOSE=0;
```

```
51      IF ID=556 THEN DOSE=0;
52      IF ID=638 THEN DOSE=0;
53      IF ID=658 THEN DOSE=0;
54      IF ID=681 THEN DOSE=0;
55      IF ID=704 THEN DOSE=0;
56      IF ID=729 THEN DOSE=0;
57      IF ID=635 THEN DOSE=0;
58
59      *DOSE=30PPM;
60      IF ID=501 THEN DOSE=30;
61      IF ID=521 THEN DOSE=30;
62      IF ID=574 THEN DOSE=30;
63      IF ID=594 THEN DOSE=30;
64      IF ID=610 THEN DOSE=30;
65      IF ID=642 THEN DOSE=30;
66      IF ID=664 THEN DOSE=30;
67      IF ID=687 THEN DOSE=30;
68      IF ID=710 THEN DOSE=30;
69      IF ID=736 THEN DOSE=30;
70
71      *DOSE=300;
72      IF ID=507 THEN DOSE=300;
73      IF ID=527 THEN DOSE=300;
74      IF ID=548 THEN DOSE=300;
75      IF ID=561 THEN DOSE=300;
76      IF ID=582 THEN DOSE=300;
77      IF ID=601 THEN DOSE=300;
78      IF ID=613 THEN DOSE=300;
```

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```
79      IF ID=646 THEN DOSE=300;
80      IF ID=672 THEN DOSE=300;
81      IF ID=694 THEN DOSE=300;
82      IF ID=718 THEN DOSE=300;
83      IF ID=742 THEN DOSE=300;
84
85      *DOSE=1000PPM;
86      IF ID=511 THEN DOSE=1000;
87      IF ID=552 THEN DOSE=1000;
88      IF ID=565 THEN DOSE=1000;
89      IF ID=585 THEN DOSE=1000;
90      IF ID=605 THEN DOSE=1000;
91      IF ID=619 THEN DOSE=1000;
92      IF ID=652 THEN DOSE=1000;
93      IF ID=677 THEN DOSE=1000;
94      IF ID=700 THEN DOSE=1000;
95      IF ID=724 THEN DOSE=1000;
96      IF ID=629 THEN DOSE=1000;
97
98      KEEP DAY DOSE ID LITTER STATE BIN COUNT FREEZE;
99
100     *PROC PRINT;
```

```
101      *TITLE 'M0703 PERCHLORATE TRACE FEAR TESTING DAYS1-3 AFTER 6  
CS US PAIRINGS TRACE FEAR CONDITIONING';  
102
```

WARNING: The variable LITTER in the DROP, KEEP, or RENAME list has never been referenced.

NOTE: Missing values were generated as a result of performing an operation on missing values.

Each place is given by: (Number of times) at (Line):(Column).  
11352 at 43:8

NOTE: The data set WORK.TRACE has 2772 observations and 7 variables.

```
103      DATA TRACE2;  
104      SET TRACE;
```

NOTE: The data set WORK.TRACE2 has 2772 observations and 7 variables.

```
105      PROC SORT;  
106      BY DAY DOSE BIN;
```

NOTE: The data set WORK.TRACE2 has 2772 observations and 7 variables.

```
107      PROC MEANS MEAN N STDERR MIN MAX NOPRINT;  
108      BY DAY DOSE BIN;  
109  
110      OUTPUT OUT=MSTATS MEAN=MID MSTATE MCOUNT MFRZ;  
111      OUTPUT OUT=SEMS STDERR=EID ESTATE ECOUNT EFRZ;
```

NOTE: The data set WORK.MSTATS has 252 observations and 9 variables.

NOTE: The data set WORK.SEMS has 252 observations and 9 variables.

```
112      PROC PRINT DATA=MSTATS;  
113      TITLE 'M0703 PERCHLORATE STUDY CUE TESTING DAYS 1-3  
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING';
```

NOTE: The PROCEDURE PRINT printed pages 1-5.

```
114      PROC PRINT DATA=SEMS;  
115      TITLE 'M0703 PERCHLORATE STUDY CUE TESTING DAYS 1-3  
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING';
```

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```
117      *ANALYSIS OF COUNT DATA FOR DAY1;  
118      *GET COUNT DATA FOR DAY1 IN RESPONSE TO 1 CS PRESENTATION  
ONLY;
```

NOTE: The PROCEDURE PRINT printed pages 6-10.

```
119      DATA CNT1;  
120      SET TRACE;  
121      IF DAY GT 1 THEN DELETE;  
122      IF BIN GT 21 THEN DELETE;
```

```
123  
124      KEEP DOSE ID COUNT BIN;  
125
```

NOTE: The data set WORK.CNT1 has 924 observations and 4 variables.

```
126      PROC SORT;  
127          BY DOSE ID BIN;  
128  
129      *PROC PRINT;  
130          * TITLE 'DAY 1 COUNT DATA';  
131
```

NOTE: The data set WORK.CNT1 has 924 observations and 4 variables.

```
132      PROC TRANSPOSE OUT=TEMP;  
133          BY DOSE ID;  
134          VAR COUNT;  
135          ID BIN;  
136      *PROC PRINT;  
137  
138          *ANOVA FOR CUE COUNT DATA DURING TRACE INTERVAL;
```

NOTE: The data set WORK.TEMP has 44 observations and 24 variables.

```
139      PROC GLM DATA=TEMP;  
140          CLASSES DOSE;  
141          MODEL _1 _2 _3 _4 _5 _6 _7 _8 _9 _10 _11 _12 _13 _14 _15  
_16 _17 _18 _19 _20 _21=DOSE/NOUNI;  
142          REPEATED BINS 20(1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
17 18 19 20 21);  
143          TITLE "REPEATED MEASURES ANOVA FOR ACTIVITY COUNTS BY  
BIN";  
144          *MEAN DOSE/TUKEY;  
145  
146  
147          *CALUCLATE COUNTS/30 SEC DURING BL CUE TRACE AND POSTTRACE  
PERIOD;  
148          *POST1 REFERS TO COUNTS/30 SEC IMMEDIATELY AFTER TRACE  
INTERVAL;  
149          *POST2 REFERS TO COUNTS/30 SEC FOR NEXT 30 SEC PERIOD AFTER  
TRACE INTERVAL, ETC;  
150          *POST1MIN IS MEAN COUNTS/30 SEC OVER 1ST MINUTE AFTER TRACE  
INTERVAL;  
151
```

NOTE: The PROCEDURE GLM printed pages 11-14.

```
152      DATA MINUTE;  
153          SET TEMP;  
154  
155          BL=0;  
156          CUE1=0;  
157          TRACE1=0;
```

```
158      POST1=0;
159      POST2=0;
15
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160      POST3=0;
161      POST4=0;
162      POST5=0;
163
164      POST1MIN=0;
165      PERPOS1=0;
166      PERTRA1=0;
167
168      BL=(_1+_2+_3+_4+_5+_6+_7+_8)/4;
169      CUE1=(_9+_9);
170      TRACE1=(_10+_11);
171      POST1=(_12+_13);
172      POST2=(_14+_15);
173      POST3=(_16+_17);
174      POST4=(_18+_19);
175      POST5=(_20+_21);
176
177      POST1MIN=(_10+_11+_12+_13)/2;
178
179      *PROC PRINT;
180
```

NOTE: The data set WORK.MINUTE has 44 observations and 35 variables.

```
181      DATA DIST;
182          SET MINUTE;
183          DAY=1;
184          *IF BL LT 30 THEN DELETE;
185
186          KEEP _NAME_ ID DOSE BL CUE1 TRACE1 POST1 POST2 POST3 POST4
POST5 POST1MIN;
187
```

NOTE: The data set WORK.DIST has 44 observations and 12 variables.

```
188      PROC PRINT;
189          TITLE 'CUE TEST DAY 1 ACTIVITY AT BASELINE AND 30 SEC POST
CS PERIOD CORRESPONDING TO TRACE INTERVAL';
190
```

NOTE: The PROCEDURE PRINT printed page 15.

```
191      PROC SORT;
192          BY DOSE;
```

NOTE: The data set WORK.DIST has 44 observations and 12 variables.

```
193      PROC MEANS mean n stderr min max NOPRINT;
194          BY DOSE;
```

```
195          OUTPUT OUT=MSTATS MEAN=MID MBL MCS1 MTRACE MPOST1 MPOST2  
MPOST3 MPOST4 MPOST5 MPOST1M;  
196          OUTPUT OUT=SEMS STDERR=EID EBL ECS1 ETRACE EPOST1 EPOST2  
EPOST3 EPOST4 EPOST5 EPOST1M;  
197
```

NOTE: The data set WORK.MSTATS has 4 observations and 13 variables.  
NOTE: The data set WORK.SEMS has 4 observations and 13 variables.

```
198      PROC PRINT DATA=MSTATS;  
199      TITLE 'M0703 PERCHLORATE TRACE FEAR TESTING DAY1 30 SEC  
BINS';
```

NOTE: The PROCEDURE PRINT printed page 16.

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```
200      PROC PRINT DATA=SEMS;  
201      TITLE 'M0703 PERCHLORATE TRACE FEAR TESTING DAYS1 30 SEC  
BINS';  
202  
203
```

```
*****  
*****  
204      *ANOVA FOR CUE COUNT DATA DURING TRACE INTERVAL;
```

NOTE: The PROCEDURE PRINT printed page 17.

```
205      DATA DIST;  
206      SET DIST;  
207      KEEP ID DOSE BL CUE1 TRACE1 POST1;
```

NOTE: The data set WORK.DIST has 44 observations and 6 variables.

```
208      PROC GLM;  
209      CLASSES DOSE;  
210      MODEL BL CUE1 TRACE1 POST1=DOSE;  
211      TITLE 'ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING TRACE  
INTERVAL TRACE FEAR CONDITIONING';  
212      *MEAN DOSE/TUKEY;  
213  
214  
215
```

```
*****  
*****  
216      *EXPRESS COUNTS/30 SEC AS A PERCENT OF BL COUNTS DURING CUE  
TRACE AND POSTTRACE PERIOD;  
217      *POST1 REFERS TO COUNTS/30 SEC IMMEDIATELY AFTER TRACE  
INTERVAL;  
218      *POST2 REFERS TO COUNTS/30 SEC FOR NEXT 30 SEC PERIOD AFTER  
TRACE INTERVAL, ETC;
```

```
219          *POST1MIN IS MEAN COUNTS/30 SEC OVER 1ST MINUTE AFTER TRACE  
INTERVAL;  
220
```

NOTE: The PROCEDURE GLM printed pages 18-22.

```
221      DATA PERCENT;  
222      SET MINUTE;  
223  
224      PERCUE1=(CUE1/BL)*100;  
225      PERTRAC=(TRACE1/BL)*100;  
226      PERPOS1=( POST1/BL)*100;  
227      PERPOS2=( POST2/BL)*100;  
228      PERPOS3=( POST3/BL)*100;  
229      PERPOS4=( POST4/BL)*100;  
230      PERPOS5=( POST5/BL)*100;  
231  
232      PER2MIN=(( TRACE1+POST1+POST2+POST3)/(BL*4))*100;  
233  
234      *PROC PRINT;  
235
```

NOTE: The data set WORK.PERCENT has 44 observations and 42 variables.

```
236      DATA DIST;  
237          SET PERCENT;  
238          DAY=1;  
239  
240          KEEP _NAME_ ID DOSE PERCUE1 PERTRAC PERPOS1 PERPOS2 PERPOS3  
PERPOS4 PERPOS5 PER2MIN;  
241  
242          *PROC PRINT;
```

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```
243          * TITLE "CUE TEST DAY 1 ACTIVITY AT PERCENT OF BASELINE IN  
30 SEC INCREMENTS";  
244
```

NOTE: The data set WORK.DIST has 44 observations and 11 variables.

```
245      PROC SORT;  
246          BY DOSE;
```

NOTE: The data set WORK.DIST has 44 observations and 11 variables.

```
247      PROC MEANS mean n stderr min max NOPRINT;  
248          BY DOSE;  
249          OUTPUT OUT=MSTATS MEAN=MID MPERPOS1 MPERCUE1 MPERTRAC  
MPERPOS2 MPERPOS3 MPERPOS4 MPERPOS5 MPER2MN;  
250          OUTPUT OUT=SEMS STDERR=EID EPERPOS1 EPERCUE1 EPERTRAC  
EPERPOS2 EPERPOS3 EPERPOS4 EPERPOS5 EPER2MN;  
251
```

NOTE: The data set WORK.MSTATS has 4 observations and 12 variables.  
NOTE: The data set WORK.SEMS has 4 observations and 12 variables.

```
252      PROC PRINT DATA=MSTATS;  
253          TITLE 'M0703 PERCHLORATE TRACE FEAR TESTING DAY1 PERCENT OF  
BASELINE';
```

NOTE: The PROCEDURE PRINT printed page 23.

```
254      PROC PRINT DATA=SEMS;  
255          TITLE 'M0703 PERCHLORATE TRACE FEAR TESTING DAY1 PERCENT OF  
BASELINE';  
256
```

```
*****  
*****  
257      *ANOVA FOR PERCENT OF BASELINE COUNT DATA DURING TRACE  
INTERVAL;
```

NOTE: The PROCEDURE PRINT printed page 24.

```
258      DATA DIST;  
259          SET DIST;  
260          KEEP ID DOSE PERCUE1 PERTRAC PERPOS1 PERPOS2 PERPOS3 PERPOS4  
PERPOS5 PER2MIN;
```

NOTE: The data set WORK.DIST has 44 observations and 10 variables.

```
261      PROC GLM;  
262          CLASSES DOSE;  
263          MODEL PERCUE1 PERTRAC PERPOS1 PERPOS2 PERPOS3 PERPOS5  
PER2MIN=DOSE;  
264          TITLE "ANOVA FOR PERCENT OF BASELINE DURING TRACE  
INTERVAL FEAR CONDITIONING";  
265          *MEAN DOSE/TUKEY;
```

NOTE: The PROCEDURE GLM printed pages 25-32.

NOTE: SAS Institute Inc., SAS Campus Drive, Cary, NC USA 27513-2414  
1 M0703 PERCHLORATE STUDY CUE TESTING DAYS 1-3  
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING 1

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MID	MSTATE	MCOUNT	OBS	DAY	DOSE	BIN	_TYPE_	_FREQ_
				MFRZ				
617.364	1	1	1	0	1	0	11	
		2	1	0	2	0	11	
617.364	1	20.9091	0.53661					
		3	1	0	3	0	11	
617.364	1	23.7273	0.44982					
		4	1	0	4	0	11	
617.364	1	20.8182	0.53018					

		5	1	0	5	0	11
617.364	1	22.0909	0.45406				
		6	1	0	6	0	11
617.364	1	17.4545	0.59867				
		7	1	0	7	0	11
617.364	1	18.4545	0.61418				
		8	1	0	8	0	11
617.364	1	17.7273	0.65891				
		9	1	0	9	0	11
617.364	2	12.4545	0.75261				
		10	1	0	10	0	11
617.364	3	4.6364	0.91976				
		11	1	0	11	0	11
617.364	3	5.0909	0.90655				
		12	1	0	12	0	11
617.364	3	4.0000	0.92521				
		13	1	0	13	0	11
617.364	3	6.1818	0.85794				
		14	1	0	14	0	11
617.364	3	5.5455	0.89830				
		15	1	0	15	0	11
617.364	3	8.0909	0.83115				
		16	1	0	16	0	11
617.364	3	5.6364	0.88521				
		17	1	0	17	0	11
617.364	3	4.6364	0.89673				
		18	1	0	18	0	11
617.364	3	5.9091	0.87952				
		19	1	0	19	0	11
617.364	3	5.5455	0.88655				
		20	1	0	20	0	11
617.364	3	4.4545	0.91261				
		21	1	0	21	0	11
617.364	3	10.1818	0.79855				
		22	1	30	1	0	10
623.900	1	21.5000	0.50560				
		23	1	30	2	0	10
623.900	1	22.5000	0.49400				
		24	1	30	3	0	10
623.900	1	21.7000	0.51027				
		25	1	30	4	0	10
623.900	1	26.7000	0.40067				
		26	1	30	5	0	10
623.900	1	19.3000	0.56453				
		27	1	30	6	0	10
623.900	1	17.5000	0.62027				
		28	1	30	7	0	10
623.900	1	18.4000	0.57467				
		29	1	30	8	0	10
623.900	1	13.7000	0.73653				
		30	1	30	9	0	10
623.900	2	10.4000	0.79760				
		31	1	30	10	0	10
623.900	3	2.3000	0.95760				

623.900	3	32 5.0000 33	1 0.89013 1 30	11	0	10
623.900	3	7.1000 34	0.86560 1 30	12	0	10
623.900	3	8.6000 35	0.80747 1 30	13	0	10
623.900	3	5.1000 36	0.89853 1 30	14	0	10
623.900	3	9.9000 37	0.77400 1 30	15	0	10
623.900	3	6.2000 38	0.88840 1 30	16	0	10
623.900	3	8.5000 39	0.81547 1 30	17	0	10
623.900	3	7.9000 40	0.83707 1 30	18	0	10
623.900	3	11.6000 41	0.75027 1 30	19	0	10
623.900	3	9.3000 42	0.79493 1 30	20	0	10
623.900	3	10.2000 43	0.77253 1 300	21	0	12
617.583	1	20.5000 44	0.52367 1 300	1	0	12
617.583	1	19.8333 45	0.56711 1 300	2	0	12
617.583	1	23.9167 46	0.47144 1 300	3	0	12
617.583	1	18.7500 47	0.58367 1 300	4	0	12
617.583	1	17.2500 48	0.61500 1 300	5	0	12
617.583	1	13.8333 49	0.70033 1 300	6	0	12
617.583	1	12.8333 50	0.76044 1 300	7	0	12
617.583	1	17.0000 51	0.63567 1 300	8	0	12
617.583	2	9.6667 52	0.80900 1 300	9	0	12
617.583	3	3.5000 53	0.92700 1 300	10	0	12
617.583	3	4.9167 54	0.91378 1 300	11	0	12
617.583	3	3.5833 55	0.93100 1 300	12	0	12
617.583	3	6.0000	0.87500	13	0	12
1		M0703 PERCHLORATE STUDY CUE TESTING DAYS	1-3			
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING					2	

MID	MSTATE	OBS MCOUNT	DAY MFRZ	DOSE	BIN	_TYPE_	_FREQ_
		56	1	300	14	0	12
617.583	3	5.0833		0.88944			
		57	1	300	15	0	12
617.583	3	4.7500		0.89722			
		58	1	300	16	0	12
617.583	3	3.7500		0.93378			
		59	1	300	17	0	12
617.583	3	4.9167		0.92200			
		60	1	300	18	0	12
617.583	3	6.0833		0.87544			
		61	1	300	19	0	12
617.583	3	2.8333		0.94600			
		62	1	300	20	0	12
617.583	3	5.5833		0.89778			
		63	1	300	21	0	12
617.583	3	5.0833		0.89967			
		64	1	1000	1	0	11
619.909	1	19.4545		0.52739			
		65	1	1000	2	0	11
619.909	1	16.3636		0.64739			
		66	1	1000	3	0	11
619.909	1	20.7273		0.55152			
		67	1	1000	4	0	11
619.909	1	17.9091		0.58036			
		68	1	1000	5	0	11
619.909	1	18.2727		0.59176			
		69	1	1000	6	0	11
619.909	1	14.0000		0.68509			
		70	1	1000	7	0	11
619.909	1	14.1818		0.69176			
		71	1	1000	8	0	11
619.909	1	18.0909		0.62085			
		72	1	1000	9	0	11
619.909	2	7.0909		0.88000			
		73	1	1000	10	0	11
619.909	3	3.6364		0.92109			
		74	1	1000	11	0	11
619.909	3	1.5455		0.98024			
		75	1	1000	12	0	11
619.909	3	6.1818		0.87176			
		76	1	1000	13	0	11
619.909	3	6.1818		0.86255			
		77	1	1000	14	0	11
619.909	3	4.1818		0.91370			
		78	1	1000	15	0	11
619.909	3	6.4545		0.85939			
		79	1	1000	16	0	11
619.909	3	4.7273		0.88145			
		80	1	1000	17	0	11
619.909	3	5.4545		0.89758			

		81	1	1000	18	0	11
619.909	3	7.6364	0.83624				
		82	1	1000	19	0	11
619.909	3	4.4545	0.90909				
		83	1	1000	20	0	11
619.909	3	3.4545	0.92764				
		84	1	1000	21	0	11
619.909	3	6.0909	0.88448				
		85	2	0	1	0	11
617.364	1	18.4545	0.57030				
		86	2	0	2	0	11
617.364	1	20.0000	0.56400				
		87	2	0	3	0	11
617.364	1	18.7273	0.59261				
		88	2	0	4	0	11
617.364	1	20.5455	0.53212				
		89	2	0	5	0	11
617.364	1	15.2727	0.68606				
		90	2	0	6	0	11
617.364	1	14.7273	0.70303				
		91	2	0	7	0	11
617.364	1	10.6364	0.76461				
		92	2	0	8	0	11
617.364	1	12.3636	0.72497				
		93	2	0	9	0	11
617.364	2	9.9091	0.80461				
		94	2	0	10	0	11
617.364	3	5.7273	0.87212				
		95	2	0	11	0	11
617.364	3	8.3636	0.81200				
		96	2	0	12	0	11
617.364	3	4.0909	0.93673				
		97	2	0	13	0	11
617.364	3	6.8182	0.85624				
		98	2	0	14	0	11
617.364	3	5.5455	0.89794				
		99	2	0	15	0	11
617.364	3	7.3636	0.84364				
		100	2	0	16	0	11
617.364	3	8.6364	0.83055				
		101	2	0	17	0	11
617.364	3	7.4545	0.85067				
		102	2	0	18	0	11
617.364	3	5.0000	0.88061				
		103	2	0	19	0	11
617.364	3	2.9091	0.96218				
		104	2	0	20	0	11
617.364	3	3.2727	0.93564				
		105	2	0	21	0	11
617.364	3	5.6364	0.87939				
		106	2	30	1	0	10
623.900	1	20.0000	0.52987				
		107	2	30	2	0	10
623.900	1	22.9000	0.52293				

		108	2	30	3	0	10
623.900	1	17.5000		0.62280			
		109	2	30	4	0	10
623.900	1	18.8000		0.60373			
		110	2	30	5	0	10
623.900	1	15.4000		0.65667			
1		M0703 PERCHLORATE STUDY CUE TESTING DAYS	1-3				
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING							3

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MID	MSTATE	OBS	DAY	DOSE	BIN	<u>_TYPE_</u>	<u>_FREQ_</u>
		MCOUNT		MFRZ			
		111	2	30	6	0	10
623.900	1	14.1000		0.67187			
		112	2	30	7	0	10
623.900	1	18.3000		0.59400			
		113	2	30	8	0	10
623.900	1	11.8000		0.77667			
		114	2	30	9	0	10
623.900	2	12.1000		0.76227			
		115	2	30	10	0	10
623.900	3	8.6000		0.80520			
		116	2	30	11	0	10
623.900	3	9.3000		0.82480			
		117	2	30	12	0	10
623.900	3	7.7000		0.84560			
		118	2	30	13	0	10
623.900	3	6.1000		0.86933			
		119	2	30	14	0	10
623.900	3	9.2000		0.81400			
		120	2	30	15	0	10
623.900	3	8.1000		0.82373			
		121	2	30	16	0	10
623.900	3	6.6000		0.87880			
		122	2	30	17	0	10
623.900	3	9.7000		0.81160			
		123	2	30	18	0	10
623.900	3	5.4000		0.89053			
		124	2	30	19	0	10
623.900	3	5.5000		0.89880			
		125	2	30	20	0	10
623.900	3	7.5000		0.86520			
		126	2	30	21	0	10
623.900	3	5.7000		0.86373			
		127	2	300	1	0	12
617.583	1	16.6667		0.61544			
		128	2	300	2	0	12
617.583	1	22.7500		0.46089			
		129	2	300	3	0	12
617.583	1	19.5833		0.57367			
		130	2	300	4	0	12
617.583	1	17.6667		0.65667			

		131	2	300	5	0	12
617.583	1	18.3333		0.56867			
		132	2	300	6	0	12
617.583	1	16.8333		0.63100			
		133	2	300	7	0	12
617.583	1	15.3333		0.69933			
		134	2	300	8	0	12
617.583	1	17.9167		0.65078			
		135	2	300	9	0	12
617.583	2	11.5833		0.76933			
		136	2	300	10	0	12
617.583	3	4.4167		0.91978			
		137	2	300	11	0	12
617.583	3	7.9167		0.84511			
		138	2	300	12	0	12
617.583	3	3.8333		0.93711			
		139	2	300	13	0	12
617.583	3	4.6667		0.88944			
		140	2	300	14	0	12
617.583	3	2.5000		0.95833			
		141	2	300	15	0	12
617.583	3	2.5000		0.95933			
		142	2	300	16	0	12
617.583	3	4.2500		0.91267			
		143	2	300	17	0	12
617.583	3	6.9167		0.88678			
		144	2	300	18	0	12
617.583	3	3.6667		0.93822			
		145	2	300	19	0	12
617.583	3	6.0833		0.88744			
		146	2	300	20	0	12
617.583	3	8.0833		0.83000			
		147	2	300	21	0	12
617.583	3	8.7500		0.79878			
		148	2	1000	1	0	11
619.909	1	15.4545		0.63479			
		149	2	1000	2	0	11
619.909	1	15.7273		0.67564			
		150	2	1000	3	0	11
619.909	1	11.7273		0.76291			
		151	2	1000	4	0	11
619.909	1	12.9091		0.71673			
		152	2	1000	5	0	11
619.909	1	12.7273		0.71964			
		153	2	1000	6	0	11
619.909	1	9.7273		0.83976			
		154	2	1000	7	0	11
619.909	1	10.6364		0.78776			
		155	2	1000	8	0	11
619.909	1	8.1818		0.83709			
		156	2	1000	9	0	11
619.909	2	8.4545		0.84715			
		157	2	1000	10	0	11
619.909	3	7.0000		0.83988			

619.909	3	158 3.0909 159	2 0.93976 2 1000	11	0	11
619.909	3	4.0909 160	0.91600 2 1000	12	0	11
619.909	3	3.3636 161	0.93309 2 1000	13	0	11
619.909	3	4.0000 162	0.90824 2 1000	14	0	11
619.909	3	2.2727 163	0.95721 2 1000	15	0	11
619.909	3	7.3636 164	0.85782 2 1000	16	0	11
619.909	3	4.6364 165	0.91236 2 1000	17	0	11
619.909	3	6.8182	0.84594			
1		M0703 PERCHLORATE STUDY CUE TESTING DAYS	1-3			
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING					4	

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MID	MSTATE	OBS MCOUNT	DAY MFRZ	DOSE	BIN	_TYPE_	_FREQ_
619.909	3	166 3.9091	2 0.93103	1000	19	0	11
619.909	3	167 3.9091	2 0.91915	1000	20	0	11
619.909	3	168 7.3636	2 0.85030	1000	21	0	11
617.364	1	16.2727 169	0.61697 3	0	1	0	11
617.364	1	170 16.3636	3 0.64388	0	2	0	11
617.364	1	171 11.9091	3 0.75964	0	3	0	11
617.364	1	172 19.0000	3 0.55721	0	4	0	11
617.364	1	173 13.1818	3 0.71491	0	5	0	11
617.364	1	174 12.3636	3 0.74048	0	6	0	11
617.364	1	175 11.8182	3 0.74897	0	7	0	11
617.364	1	176 6.5455	3 0.86618	0	8	0	11
617.364	1	177 12.3636	3 0.75224	0	9	0	11
617.364	2	178 10.8182	3 0.77115	0	10	0	11
617.364	3	179 6.4545	3 0.86000	0	11	0	11
617.364	3	180 8.1818	3 0.83321	0	12	0	11

		181	3	0	13	0	11
617.364	3	5.0909		0.89285			
		182	3	0	14	0	11
617.364	3	8.3636		0.82145			
		183	3	0	15	0	11
617.364	3	6.0000		0.89745			
		184	3	0	16	0	11
617.364	3	5.0000		0.89733			
		185	3	0	17	0	11
617.364	3	10.7273		0.81745			
		186	3	0	18	0	11
617.364	3	6.6364		0.86861			
		187	3	0	19	0	11
617.364	3	6.5455		0.84485			
		188	3	0	20	0	11
617.364	3	6.0909		0.89382			
		189	3	0	21	0	11
617.364	3	4.6364		0.90800			
		190	3	30	1	0	10
623.900	1	20.5000		0.56907			
		191	3	30	2	0	10
623.900	1	17.9000		0.60520			
		192	3	30	3	0	10
623.900	1	11.7000		0.72707			
		193	3	30	4	0	10
623.900	1	13.5000		0.69013			
		194	3	30	5	0	10
623.900	1	14.6000		0.69547			
		195	3	30	6	0	10
623.900	1	12.0000		0.73893			
		196	3	30	7	0	10
623.900	1	14.7000		0.68440			
		197	3	30	8	0	10
623.900	1	11.5000		0.73853			
		198	3	30	9	0	10
623.900	2	11.3000		0.71933			
		199	3	30	10	0	10
623.900	3	8.0000		0.82413			
		200	3	30	11	0	10
623.900	3	10.3000		0.76760			
		201	3	30	12	0	10
623.900	3	7.0000		0.84560			
		202	3	30	13	0	10
623.900	3	6.8000		0.88640			
		203	3	30	14	0	10
623.900	3	7.8000		0.82160			
		204	3	30	15	0	10
623.900	3	4.4000		0.91893			
		205	3	30	16	0	10
623.900	3	8.4000		0.80293			
		206	3	30	17	0	10
623.900	3	5.4000		0.90800			
		207	3	30	18	0	10
623.900	3	6.0000		0.90347			

623.900	3	208 7.4000 209	3      30 0.85693 3      30	19	0	10
623.900	3	5.7000 210	0.87827 3      30	20	0	10
623.900	3	6.4000 211	0.87227 3      300	21	0	10
617.583	1	13.5000 212	0.69611 3      300	1	0	12
617.583	1	18.8333 213	0.56778 3      300	2	0	12
617.583	1	14.2500 214	0.69544 3      300	3	0	12
617.583	1	14.0000 215	0.68644 3      300	4	0	12
617.583	1	12.2500 216	0.73844 3      300	5	0	12
617.583	1	14.6667 217	0.68378 3      300	6	0	12
617.583	1	17.3333 218	0.61900 3      300	7	0	12
617.583	1	17.9167 219	0.60322 3      300	8	0	12
617.583	2	12.0000 220	0.75022 3      300	9	0	12
617.583	3	8.5833 1	0.79956 M0703 PERCHLORATE STUDY CUE TESTING DAYS 1-3	10	0	12
		FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING				5

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MID	MSTATE	OBS MCOUNT	DAY MFRZ	DOSE	BIN	_TYPE_	_FREQ_
617.583	3	221 5.0833	3      300	0.90556	11	0	12
617.583	3	222 4.3333	3      300	0.91822	12	0	12
617.583	3	223 6.8333	3      300	0.85556	13	0	12
617.583	3	224 4.6667	3      300	0.90633	14	0	12
617.583	3	225 5.5000	3      300	0.87322	15	0	12
617.583	3	226 2.2500	3      300	0.96578	16	0	12
617.583	3	227 5.4167	3      300	0.88611	17	0	12
617.583	3	228 7.8333	3      300	0.84922	18	0	12
617.583	3	229 7.9167	3      300	0.84233	19	0	12
617.583	3	230 10.3333	3      300	0.78367	20	0	12

617.583	3	231 9.3333 232	3 0.82100 3 1000		21	0	12
619.909	1	17.4545 233	0.61515 3 1000		1	0	11
619.909	1	17.0000 234	0.66824 3 1000		2	0	11
619.909	1	12.9091 235	0.74752 3 1000		3	0	11
619.909	1	13.4545 236	0.68764 3 1000		4	0	11
619.909	1	9.9091 237	0.78473 3 1000		5	0	11
619.909	1	10.3636 238	0.80739 3 1000		6	0	11
619.909	1	7.4545 239	0.86764 3 1000		7	0	11
619.909	1	8.4545 240	0.80994 3 1000		8	0	11
619.909	2	6.6364 241	0.83467 3 1000		9	0	11
619.909	3	6.0000 242	0.87600 3 1000		10	0	11
619.909	3	5.1818 243	0.91200 3 1000		11	0	11
619.909	3	8.9091 244	0.83697 3 1000		12	0	11
619.909	3	5.2727 245	0.90182 3 1000		13	0	11
619.909	3	5.0909 246	0.89721 3 1000		14	0	11
619.909	3	5.7273 247	0.89042 3 1000		15	0	11
619.909	3	6.9091 248	0.86545 3 1000		16	0	11
619.909	3	6.2727 249	0.88582 3 1000		17	0	11
619.909	3	7.1818 250	0.85733 3 1000		18	0	11
619.909	3	3.6364 251	0.92848 3 1000		19	0	11
619.909	3	5.2727 252	0.88739 3 1000		20	0	11
619.909	3	7.2727	0.86642		21	0	11
1		M0703 PERCHLORATE STUDY CUE TESTING DAYS	1-3				
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING							6

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EID	ESTATE	OBS ECOUNT	DAY EFRZ	DOSE EFRZ	BIN	_TYPE_	_FREQ_
22.3396	0	1 2.37027	1	0 0.057096	1	0	11

		2	1	0	2	0	11
22.3396	0	2.06466		0.048090			
		3	1	0	3	0	11
22.3396	0	2.24455		0.054070			
		4	1	0	4	0	11
22.3396	0	3.00853		0.075286			
		5	1	0	5	0	11
22.3396	0	2.52786		0.065331			
		6	1	0	6	0	11
22.3396	0	3.33675		0.088010			
		7	1	0	7	0	11
22.3396	0	3.69118		0.084983			
		8	1	0	8	0	11
22.3396	0	1.96834		0.039044			
		9	1	0	9	0	11
22.3396	0	3.13155		0.067116			
		10	1	0	10	0	11
22.3396	0	2.83572		0.055132			
		11	1	0	11	0	11
22.3396	0	1.79116		0.037245			
		12	1	0	12	0	11
22.3396	0	1.80404		0.037843			
		13	1	0	13	0	11
22.3396	0	2.33479		0.054939			
		14	1	0	14	0	11
22.3396	0	1.89432		0.035232			
		15	1	0	15	0	11
22.3396	0	2.57419		0.055520			
		16	1	0	16	0	11
22.3396	0	2.39800		0.051703			
		17	1	0	17	0	11
22.3396	0	2.50553		0.061797			
		18	1	0	18	0	11
22.3396	0	2.81055		0.063285			
		19	1	0	19	0	11
22.3396	0	1.71286		0.034943			
		20	1	0	20	0	11
22.3396	0	2.57740		0.054461			
		21	1	0	21	0	11
22.3396	0	2.84707		0.063342			
		22	1	30	1	0	10
24.7581	0	2.35820		0.064326			
		23	1	30	2	0	10
24.7581	0	2.72539		0.071056			
		24	1	30	3	0	10
24.7581	0	2.11371		0.063269			
		25	1	30	4	0	10
24.7581	0	1.94964		0.033817			
		26	1	30	5	0	10
24.7581	0	1.30000		0.049105			
		27	1	30	6	0	10
24.7581	0	1.94508		0.053587			
		28	1	30	7	0	10
24.7581	0	2.14580		0.055325			

		29	1	30	8	0	10
24.7581	0	2.38537	1	0.061168			
		30	1	30	9	0	10
24.7581	0	3.07029		0.066623			
		31	1	30	10	0	10
24.7581	0	2.19114		0.042252			
		32	1	30	11	0	10
24.7581	0	2.63312		0.058686			
		33	1	30	12	0	10
24.7581	0	2.26299		0.040685			
		34	1	30	13	0	10
24.7581	0	2.55691		0.061340			
		35	1	30	14	0	10
24.7581	0	2.27279		0.051574			
		36	1	30	15	0	10
24.7581	0	3.65285		0.088152			
		37	1	30	16	0	10
24.7581	0	2.18480		0.044252			
		38	1	30	17	0	10
24.7581	0	3.33750		0.077004			
		39	1	30	18	0	10
24.7581	0	2.49644		0.056845			
		40	1	30	19	0	10
24.7581	0	3.55340		0.082144			
		41	1	30	20	0	10
24.7581	0	3.34348		0.083600			
		42	1	30	21	0	10
24.7581	0	3.10483		0.075031			
		43	1	300	1	0	12
22.2266	0	1.69447		0.050767			
		44	1	300	2	0	12
22.2266	0	2.66525		0.059945			
		45	1	300	3	0	12
22.2266	0	2.70650		0.066080			
		46	1	300	4	0	12
22.2266	0	2.48975		0.069142			
		47	1	300	5	0	12
22.2266	0	2.65468		0.075294			
		48	1	300	6	0	12
22.2266	0	2.79294		0.069578			
		49	1	300	7	0	12
22.2266	0	2.37038		0.050672			
		50	1	300	8	0	12
22.2266	0	2.66856		0.061730			
		51	1	300	9	0	12
22.2266	0	2.28411		0.049069			
		52	1	300	10	0	12
22.2266	0	1.72986		0.041341			
		53	1	300	11	0	12
22.2266	0	2.09059		0.038254			
		54	1	300	12	0	12
22.2266	0	1.31113		0.026720			
		55	1	300	13	0	12
22.2266	0	2.05235		0.046758			

1 M0703 PERCHLORATE STUDY CUE TESTING DAYS 1-3  
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING 7

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EID	ESTATE	OBS ECOUNT	DAY	DOSE EFRZ	BIN	_TYPE_	_FREQ_
22.2266	0	56 1.59287	1	300 0.036544	14	0	12
22.2266	0	57 2.39673	1	300 0.056262	15	0	12
22.2266	0	58 1.47260	1	300 0.027457	16	0	12
22.2266	0	59 1.73405	1	300 0.034878	17	0	12
22.2266	0	60 2.56863	1	300 0.055015	18	0	12
22.2266	0	61 0.95214	1	300 0.023146	19	0	12
22.2266	0	62 2.47245	1	300 0.054167	20	0	12
22.2266	0	63 2.34346	1	300 0.051076	21	0	12
22.2266	0	64 1.87017	1	1000 0.053024	1	0	11
19.6679	0	65 2.43188	1	1000 0.067138	2	0	11
19.6679	0	66 2.19541	1	1000 0.059822	3	0	11
19.6679	0	67 2.52786	1	1000 0.063579	4	0	11
19.6679	0	68 2.91108	1	1000 0.077212	5	0	11
19.6679	0	69 2.43460	1	1000 0.070429	6	0	11
19.6679	0	70 3.44784	1	1000 0.073553	7	0	11
19.6679	0	71 3.60418	1	1000 0.074177	8	0	11
19.6679	0	72 2.08656	1	1000 0.036363	9	0	11
19.6679	0	73 1.66391	1	1000 0.037063	10	0	11
19.6679	0	74 0.80186	1	1000 0.014242	11	0	11
19.6679	0	75 1.99917	1	1000 0.045586	12	0	11
19.6679	0	76 2.90084	1	1000 0.072713	13	0	11
19.6679	0	77 1.42585	1	1000 0.029382	14	0	11
19.6679	0	78 2.52033	1	1000 0.056950	15	0	11

		79	1	1000	16	0	11
19.6679	0	1.82453		0.053788			
		80	1	1000	17	0	11
19.6679	0	2.20480		0.050457			
		81	1	1000	18	0	11
19.6679	0	2.36748		0.049448			
		82	1	1000	19	0	11
19.6679	0	1.39064		0.030461			
		83	1	1000	20	0	11
19.6679	0	1.42933		0.037081			
		84	1	1000	21	0	11
19.6679	0	1.92804		0.038594			
		85	2	0	1	0	11
22.3396	0	3.33129		0.083844			
		86	2	0	2	0	11
22.3396	0	2.91392		0.071124			
		87	2	0	3	0	11
22.3396	0	2.99421		0.080962			
		88	2	0	4	0	11
22.3396	0	2.10784		0.055305			
		89	2	0	5	0	11
22.3396	0	3.32235		0.075800			
		90	2	0	6	0	11
22.3396	0	3.66579		0.089284			
		91	2	0	7	0	11
22.3396	0	1.99669		0.056395			
		92	2	0	8	0	11
22.3396	0	3.47791		0.084219			
		93	2	0	9	0	11
22.3396	0	2.26216		0.051118			
		94	2	0	10	0	11
22.3396	0	2.22829		0.052637			
		95	2	0	11	0	11
22.3396	0	2.86443		0.067043			
		96	2	0	12	0	11
22.3396	0	2.03807		0.036034			
		97	2	0	13	0	11
22.3396	0	3.64272		0.086451			
		98	2	0	14	0	11
22.3396	0	1.70754		0.036915			
		99	2	0	15	0	11
22.3396	0	2.53439		0.060265			
		100	2	0	16	0	11
22.3396	0	2.67062		0.057601			
		101	2	0	17	0	11
22.3396	0	2.77116		0.060037			
		102	2	0	18	0	11
22.3396	0	2.61116		0.070692			
		103	2	0	19	0	11
22.3396	0	1.05705		0.016506			
		104	2	0	20	0	11
22.3396	0	1.50206		0.033087			
		105	2	0	21	0	11
22.3396	0	2.05945		0.062809			

24.7581	0	106 2.56038 107	2 0.077762 2 30	30	1	0	10
24.7581	0	3.06032 108	0.062578 2 30		2	0	10
24.7581	0	3.73050 109	0.080266 2 30		3	0	10
24.7581	0	2.96198 110	0.073492 2 30		4	0	10
24.7581	0	3.65513	0.087607		5	0	10
1		M0703 FOLLOWING	PERCHLORATE STUDY	CUE	TESTING	DAYS	1-3
	6	CS US PAIRINGS	TRACE CONDITIONING				8

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EID	ESTATE	OBS ECOUNT	DAY EFRZ	DOSE	BIN	_TYPE_	_FREQ_
24.7581	0	111 2.30675 112	2 0.061456 2 30	30	6	0	10
24.7581	0	2.56060 113	0.067492 2 30		7	0	10
24.7581	0	3.09408 114	0.066954 2 30		8	0	10
24.7581	0	2.74246 115	0.057776 2 30		9	0	10
24.7581	0	3.83029 116	0.093539 2 30		10	0	10
24.7581	0	3.48664 117	0.060507 2 30		11	0	10
24.7581	0	1.95533 118	0.047846 2 30		12	0	10
24.7581	0	2.55799 119	0.061854 2 30		13	0	10
24.7581	0	2.14890 120	0.050735 2 30		14	0	10
24.7581	0	3.10358 121	0.078704 2 30		15	0	10
24.7581	0	2.93333 122	0.058223 2 30		16	0	10
24.7581	0	3.76844 123	0.078176 2 30		17	0	10
24.7581	0	1.94479 124	0.042474 2 30		18	0	10
24.7581	0	2.13568 125	0.049657 2 30		19	0	10
24.7581	0	2.08833 126	0.040685 2 30		20	0	10
24.7581	0	2.52565 127	0.062362 2 300		21	0	10
22.2266	0	2.01635 128	0.049767 2 300		1	0	12
22.2266	0	1.46745	0.040997		2	0	12

		129	2	300	3	0	12
22.2266	0	2.25784		0.045911			
		130	2	300	4	0	12
22.2266	0	3.06825		0.067555			
		131	2	300	5	0	12
22.2266	0	2.72011		0.073109			
		132	2	300	6	0	12
22.2266	0	2.69633		0.060235			
		133	2	300	7	0	12
22.2266	0	2.40370		0.049036			
		134	2	300	8	0	12
22.2266	0	2.45091		0.056165			
		135	2	300	9	0	12
22.2266	0	3.19436		0.065183			
		136	2	300	10	0	12
22.2266	0	2.80815		0.053527			
		137	2	300	11	0	12
22.2266	0	4.45934		0.084769			
		138	2	300	12	0	12
22.2266	0	1.46594		0.025376			
		139	2	300	13	0	12
22.2266	0	1.70264		0.041517			
		140	2	300	14	0	12
22.2266	0	1.16450		0.019595			
		141	2	300	15	0	12
22.2266	0	1.33428		0.025902			
		142	2	300	16	0	12
22.2266	0	1.64743		0.044647			
		143	2	300	17	0	12
22.2266	0	2.33049		0.039019			
		144	2	300	18	0	12
22.2266	0	1.16991		0.024289			
		145	2	300	19	0	12
22.2266	0	2.10504		0.041613			
		146	2	300	20	0	12
22.2266	0	2.46324		0.052471			
		147	2	300	21	0	12
22.2266	0	3.06526		0.075427			
		148	2	1000	1	0	11
19.6679	0	2.48400		0.064351			
		149	2	1000	2	0	11
19.6679	0	2.85431		0.068494			
		150	2	1000	3	0	11
19.6679	0	3.01840		0.075710			
		151	2	1000	4	0	11
19.6679	0	2.68821		0.067146			
		152	2	1000	5	0	11
19.6679	0	3.07805		0.078490			
		153	2	1000	6	0	11
19.6679	0	2.90795		0.063381			
		154	2	1000	7	0	11
19.6679	0	2.80024		0.072800			
		155	2	1000	8	0	11
19.6679	0	2.05744		0.049302			

19.6679	0	156	2	1000	9	0	11
		2.57740		0.050162			
		157	2	1000	10	0	11
19.6679	0	4.25548		0.096638			
		158	2	1000	11	0	11
19.6679	0	1.43625		0.032474			
		159	2	1000	12	0	11
19.6679	0	2.47333		0.048016			
		160	2	1000	13	0	11
19.6679	0	1.94129		0.039563			
		161	2	1000	14	0	11
19.6679	0	2.48633		0.056865			
		162	2	1000	15	0	11
19.6679	0	1.39539		0.025791			
		163	2	1000	16	0	11
19.6679	0	2.80348		0.056009			
		164	2	1000	17	0	11
19.6679	0	2.15859		0.040462			
		165	2	1000	18	0	11
19.6679	0	2.35031		0.055505			
1		M0703	PERCHLORATE STUDY CUE TESTING DAYS	1-3			
FOLLOWING	6 CS US PAIRINGS TRACE CONDITIONING					9	

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EID	ESTATE	OBS ECOUNT	DAY EFRZ	DOSE	BIN	_TYPE_	_FREQ_
19.6679	0	166	2	1000	19	0	11
		1.17128		0.022320			
		167	2	1000	20	0	11
19.6679	0	2.40248		0.050889			
		168	2	1000	21	0	11
19.6679	0	3.35552		0.083268			
		169	3	0	1	0	11
22.3396	0	2.59752		0.065137			
		170	3	0	2	0	11
22.3396	0	2.51278		0.054737			
		171	3	0	3	0	11
22.3396	0	2.55291		0.055613			
		172	3	0	4	0	11
22.3396	0	2.64231		0.065073			
		173	3	0	5	0	11
22.3396	0	2.40007		0.063013			
		174	3	0	6	0	11
22.3396	0	3.24254		0.072402			
		175	3	0	7	0	11
22.3396	0	2.76609		0.063637			
		176	3	0	8	0	11
22.3396	0	3.29011		0.075726			
		177	3	0	9	0	11
22.3396	0	3.11382		0.060301			
		178	3	0	10	0	11
22.3396	0	3.97222		0.097244			

		179	3	0	11	0	11
22.3396	0	2.93060		0.087849			
		180	3	0	12	0	11
22.3396	0	3.12997		0.070084			
		181	3	0	13	0	11
22.3396	0	2.63699		0.057636			
		182	3	0	14	0	11
22.3396	0	2.36364		0.058679			
		183	3	0	15	0	11
22.3396	0	2.61812		0.046662			
		184	3	0	16	0	11
22.3396	0	2.60070		0.063257			
		185	3	0	17	0	11
22.3396	0	3.40612		0.057114			
		186	3	0	18	0	11
22.3396	0	2.28144		0.055109			
		187	3	0	19	0	11
22.3396	0	2.39455		0.058983			
		188	3	0	20	0	11
22.3396	0	2.12113		0.037806			
		189	3	0	21	0	11
22.3396	0	2.02383		0.046839			
		190	3	30	1	0	10
24.7581	0	2.55278		0.054317			
		191	3	30	2	0	10
24.7581	0	2.72213		0.078252			
		192	3	30	3	0	10
24.7581	0	2.07123		0.060111			
		193	3	30	4	0	10
24.7581	0	3.07409		0.090034			
		194	3	30	5	0	10
24.7581	0	2.75358		0.068707			
		195	3	30	6	0	10
24.7581	0	2.52543		0.057590			
		196	3	30	7	0	10
24.7581	0	2.35254		0.060550			
		197	3	30	8	0	10
24.7581	0	2.33928		0.060564			
		198	3	30	9	0	10
24.7581	0	3.30673		0.093490			
		199	3	30	10	0	10
24.7581	0	3.42540		0.085503			
		200	3	30	11	0	10
24.7581	0	2.92138		0.072522			
		201	3	30	12	0	10
24.7581	0	3.22835		0.069454			
		202	3	30	13	0	10
24.7581	0	3.82623		0.070951			
		203	3	30	14	0	10
24.7581	0	3.51441		0.089481			
		204	3	30	15	0	10
24.7581	0	2.37206		0.048737			
		205	3	30	16	0	10
24.7581	0	3.21870		0.071542			

24.7581	0	206 207	3 3	30 30	17	0	10
24.7581	0	1.97878 1.60555		0.038572 0.030437	18	0	10
24.7581	0	208	3	30	19	0	10
24.7581	0	2.75358 209		0.061058 0.043876	20	0	10
24.7581	0	210	3	30	21	0	10
24.7581	0	1.74611 211		0.034167 0.300	1	0	12
22.2266	0	2.63571 212		0.065420 0.300	2	0	12
22.2266	0	2.08833 213		0.044183 0.300	3	0	12
22.2266	0	1.90742 214		0.052261 0.300	4	0	12
22.2266	0	3.13581 215		0.075813 0.300	5	0	12
22.2266	0	2.67742 216		0.065582 0.300	6	0	12
22.2266	0	2.18234 217		0.057692 0.300	7	0	12
22.2266	0	3.07811 218		0.064039 0.300	8	0	12
22.2266	0	2.44781 219		0.056533 0.300	9	0	12
22.2266	0	3.03015 220		0.073983 0.300	10	0	12
22.2266	0	3.23442		0.084273			
1		M0703 PERCHLORATE STUDY CUE TESTING DAYS		1-3			
FOLLOWING 6 CS US PAIRINGS TRACE CONDITIONING							10

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EID	ESTATE	OBS ECOUNT	DAY	DOSE EFRZ	BIN	_TYPE_	_FREQ_
22.2266	0	221 1.97123	3	300 0.042779	11	0	12
22.2266	0	222 1.44250	3	300 0.030099	12	0	12
22.2266	0	223 1.84158	3	300 0.040037	13	0	12
22.2266	0	224 1.65755	3	300 0.037141	14	0	12
22.2266	0	225 2.02073	3	300 0.049164	15	0	12
22.2266	0	226 0.73983	3	300 0.013384	16	0	12
22.2266	0	227 2.75642	3	300 0.061085	17	0	12
22.2266	0	228 3.09161	3	300 0.064145	18	0	12

		229	3	300	19	0	12
22.2266	0	2.62984		0.058353			
		230	3	300	20	0	12
22.2266	0	3.13662		0.067063			
		231	3	300	21	0	12
22.2266	0	2.61213		0.051854			
		232	3	1000	1	0	11
19.6679	0	3.36118		0.076269			
		233	3	1000	2	0	11
19.6679	0	3.91036		0.083622			
		234	3	1000	3	0	11
19.6679	0	2.57065		0.049074			
		235	3	1000	4	0	11
19.6679	0	2.96759		0.079900			
		236	3	1000	5	0	11
19.6679	0	2.94944		0.062899			
		237	3	1000	6	0	11
19.6679	0	3.45694		0.067606			
		238	3	1000	7	0	11
19.6679	0	3.35305		0.067593			
		239	3	1000	8	0	11
19.6679	0	2.70139		0.070060			
		240	3	1000	9	0	11
19.6679	0	2.52721		0.078317			
		241	3	1000	10	0	11
19.6679	0	2.56551		0.056248			
		242	3	1000	11	0	11
19.6679	0	2.13549		0.038189			
		243	3	1000	12	0	11
19.6679	0	3.27651		0.055189			
		244	3	1000	13	0	11
19.6679	0	1.73253		0.038324			
		245	3	1000	14	0	11
19.6679	0	2.61970		0.065331			
		246	3	1000	15	0	11
19.6679	0	1.33547		0.026242			
		247	3	1000	16	0	11
19.6679	0	2.87767		0.058012			
		248	3	1000	17	0	11
19.6679	0	2.20780		0.046137			
		249	3	1000	18	0	11
19.6679	0	2.95979		0.060127			
		250	3	1000	19	0	11
19.6679	0	1.55079		0.036208			
		251	3	1000	20	0	11
19.6679	0	1.63535		0.040421			
		252	3	1000	21	0	11
19.6679	0	2.92976		0.062228			

1 REPEATED MEASURES ANOVA FOR  
ACTIVITY COUNTS BY BIN 18:13 Friday, February 2, 2007 11

Procedure

General Linear Models

Class Level

Information

Values	Class	Levels
30 300 1000	DOSE	4 0

Number of observations in  
data set = 44

1 REPEATED MEASURES ANOVA FOR  
ACTIVITY COUNTS BY BIN 18:13 Friday, February 2, 2007 12

General Linear Models

Procedure

Repeated Measures

Analysis of Variance

Repeated Measures Level

Information

Dependent Variable	_1	_2	_3	_4	_5	
_6	_7	_8	_9	_10	_11	_12
Level of BINS	1	2	3	4	5	
6	7	8	9	10	11	12

Dependent Variable	_13	_14	_15	_16	_17
_18	_19	_20	_21		
Level of BINS	13	14	15	16	17
18	19	20	21		

Manova Test Criteria and Exact F Statistics  
for the Hypothesis of no BINS Effect

H = Type III SS&CP Matrix for BINS

E = Error SS&CP Matrix

N=9.5 S=1 M=9

F	Num DF	Den DF	Pr > F	Statistic	Value
				Wilks' Lambda	0.02414188
42.4429	20	21	0.0001	Pillai's Trace	0.97585812
42.4429	20	21	0.0001		

			Hotelling-Lawley Trace	40.42179505
42.4429	20	21	0.0001	
			Roy's Greatest Root	40.42179505
42.4429	20	21	0.0001	

Manova Test Criteria and F Approximations for  
the Hypothesis of no BINS\*DOSE Effect  
H = Type III SS&CP Matrix for  
BINS\*DOSE E = Error SS&CP Matrix

S=3 M=8  
N=9.5

F	Num DF	Den DF	Statistic		Value
			Pr > F		
			Wilks' Lambda	0.15929887	
0.9004	60	63.48703	0.6582		
			Pillai's Trace	1.26217954	
0.8352	60	69	0.7613		
			Hotelling-Lawley Trace	2.98941427	
0.9799	60	59	0.5314		
			Roy's Greatest Root	2.17880269	
2.5056	20	23	0.0180		

NOTE: F Statistic for Roy's Greatest Root is an upper bound.

1 REPEATED MEASURES ANOVA FOR  
ACTIVITY COUNTS BY BIN 18:13 Friday, February 2, 2007 13

Procedure	General Linear Models
Analysis of Variance	Repeated Measures
Between Subjects Effects	Tests of Hypotheses for

Source	DF	Type III SS
Mean Square	F Value	Pr > F
DOSE	3	1227.72409812
409.24136604	0.83	0.4830
Error	40	19622.70014430
490.56750361		

1 REPEATED MEASURES ANOVA FOR  
ACTIVITY COUNTS BY BIN 18:13 Friday, February 2, 2007 14

Procedure	General Linear Models
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## Repeated Measures

## Analysis of Variance

Univariate Tests of Hypotheses for  
Within Subject Effects

Adjusted Pr &gt; F

Source	F Value	Pr > F	DF	Type III SS	Mean
Source			G - G	H - F	
BINS			20	39966.34958476	
1998.31747924	47.11	0.0001		0.0001	0.0001
BINS*DOSE			60	2053.42741703	
34.22379028	0.81	0.8518		0.7778	0.8370
Error(BINS)			800	33936.51197691	
42.42063997					

## Greenhouse-Geisser

Epsilon = 0.5802

## Huynh-Feldt

Epsilon = 0.8955

1 CUE TEST DAY 1 ACTIVITY AT BASELINE AND 30 SEC POST  
CS PERIOD CORRESPONDING TO TRACE INTERVAL 15

18:13 Friday, February 2, 2007

POST1	OBS	DOSE	ID	_NAME_	BL	CUE1	TRACE1
POST1	POST2	POST3	POST4	POST5	POST1MIN		
0	1	0	494	COUNT	16.00	4	0
0	0	0	0	2	0.0		
9	2	0	537	COUNT	52.25	18	7
13	7	13	13	22	8.0		
3	0	0	556	COUNT	48.25	18	10
4	0	0	0	5	7.0		
0	4	0	570	COUNT	36.00	2	0
0	0	0	0	11	0.0		
0	5	0	589	COUNT	39.25	64	8
11	16	1	13	16	9.5		
6	0	0	635	COUNT	36.50	4	0
0	17	29	12	22	0.0		
0	7	0	638	COUNT	54.75	60	34
39	35	25	29	54	36.5		
8	0	0	658	COUNT	48.00	30	14
29	41	37	33	2	21.5		
9	0	0	681	COUNT	27.00	28	0
2	9	0	0	0	1.0		
0	10	0	704	COUNT	47.25	26	18
18	19	14	26	26	18.0		
0	11	0	729	COUNT	49.00	20	16
0	0	0	0	1	8.0		

		12	30	501	COUNT	46.25	54	48
30	44	52	42	55		39.0		
		13	30	521	COUNT	42.25	26	0
0	1	0	22	12		0.0		
		14	30	574	COUNT	50.00	46	12
12	7	11	4	8		12.0		
		15	30	594	COUNT	48.00	36	3
34	24	32	17	47		18.5		
		16	30	610	COUNT	19.00	0	0
0	0	0	0	0		0.0		
		17	30	642	COUNT	33.25	6	0
0	0	0	0	0		0.0		
		18	30	664	COUNT	33.00	24	0
11	12	2	32	10		5.5		
		19	30	687	COUNT	49.50	8	0
20	9	16	42	18		10.0		
		20	30	710	COUNT	34.25	6	2
31	39	11	12	21		16.5		
		21	30	736	COUNT	47.75	2	8
19	14	23	24	24		13.5		
		22	300	507	COUNT	37.75	24	8
29	10	23	14	13		18.5		
		23	300	527	COUNT	38.00	32	6
26	15	10	7	20		16.0		
		24	300	548	COUNT	41.50	26	28
10	11	18	2	6		19.0		
		25	300	561	COUNT	26.00	0	0
0	7	0	0	0		0.0		
		26	300	582	COUNT	39.25	14	0
5	6	0	0	0		2.5		
		27	300	601	COUNT	49.00	34	7
24	29	14	39	31		15.5		
		28	300	613	COUNT	26.75	10	0
0	0	0	0	0		0.0		
		29	300	646	COUNT	26.00	0	0
9	5	2	21	4		4.5		
		30	300	672	COUNT	47.00	54	38
11	35	25	15	46		24.5		
		31	300	694	COUNT	33.00	16	14
1	0	12	9	8		7.5		
		32	300	718	COUNT	32.25	4	0
0	0	0	0	0		0.0		
		33	300	742	COUNT	35.25	18	0
0	0	0	0	0		0.0		
		34	1000	511	COUNT	30.00	10	0
0	0	0	0	0		0.0		
		35	1000	552	COUNT	40.00	24	17
16	36	7	15	6		16.5		
		36	1000	565	COUNT	43.00	20	3
23	16	9	17	24		13.0		
		37	1000	585	COUNT	40.75	50	23
43	17	31	23	21		33.0		
		38	1000	605	COUNT	47.00	0	0
19	5	11	17	8		9.5		

		39	1000	619	COUNT	26.25	8	0
0	0	0	0	0		0.0		
		40	1000	629	COUNT	23.00	4	0
0	0	0	0	0		0.0		
		41	1000	652	COUNT	30.50	10	0
11	13	32	32	21		5.5		
		42	1000	677	COUNT	38.75	16	6
5	12	16	6	5		5.5		
		43	1000	700	COUNT	41.50	4	8
19	18	6	23	20		13.5		
		44	1000	724	COUNT	21.50	10	0
0	0	0	0	0		0.0		

1 M0703 PERCHLORATE TRACE FEAR  
TESTING DAY1 30 SEC BINS 18:13 Friday, February 2, 2007 16

OBS	DOSE	_TYPE_	_FREQ_	MID	MBL	MCS1	MTRACE
MPOST1	MPOST2	MPOST3	MPOST4	MPOST5	MPOST1M		
1	0	0	11	617.364	41.2955	24.9091	9.72727
10.1818	13.6364	10.2727	11.4545	14.6364	9.9545		
2	30	0	10	623.900	40.3250	20.8000	7.30000
15.7000	15.0000	14.7000	19.5000	19.5000	11.5000		
3	300	0	12	617.583	35.9792	19.3333	8.41667
9.5833	9.8333	8.6667	8.9167	10.6667	9.0000		
4	1000	0	11	619.909	34.7500	14.1818	5.18182
12.3636	10.6364	10.1818	12.0909	9.5455	8.7727		

1 M0703 PERCHLORATE TRACE FEAR  
TESTING DAYS1 30 SEC BINS 18:13 Friday, February 2, 2007 17

OBS	DOSE	_TYPE_	_FREQ_	EID	EBL	ECS1	ETRACE
EPOST1	EPOST2	EPOST3	EPOST4	EPOST5	EPOST1M		
1	0	0	11	22.3396	3.55298	6.26310	3.16828
4.00867	4.28162	4.17806	3.86679	4.87530	3.43343		
2	30	0	10	24.7581	3.20764	6.14058	4.70473
4.18742	5.00444	5.37287	5.00944	5.85045	3.75574		
3	300	0	12	22.2266	2.21403	4.56823	3.61281
3.16098	3.32765	2.78071	3.44097	4.26105	2.62635		
4	1000	0	11	19.6679	2.64532	4.17311	2.39628
4.06822	3.38250	3.55174	3.45478	2.98592	3.04016		

1 ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING  
TRACE INTERVAL TRACE FEAR CONDITIONING 18

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Procedure	General Linear Models
Information	Class Level
Values	Class Levels

DOSE 4 0  
30 300 1000

Number of observations in  
data set = 44

1 ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING  
TRACE INTERVAL TRACE FEAR CONDITIONING 19

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General Linear Models  
Procedure

Dependent Variable: BL

Source	DF	Sum of Squares
Mean Square		Pr > F
Model	3	338.70350379
112.90116793	1.21	0.3184

Error	40	3731.41581439
93.28539536		

Corrected Total	43	4070.11931818
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Root MSE	R-Square	C.V.
	BL Mean	
9.65843649	0.083217	25.42454
	37.98863636	

Source	DF	Type I SS
Mean Square		Pr > F
DOSE	3	338.70350379
112.90116793	1.21	0.3184

Source	DF	Type III SS
Mean Square		Pr > F
DOSE	3	338.70350379
112.90116793	1.21	0.3184

1 ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING  
TRACE INTERVAL TRACE FEAR CONDITIONING 20

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General Linear Models  
Procedure

Dependent Variable: CUE1

Source	DF	Sum of Squares	
Mean Square	F Value	Pr > F	
Model	3		646.91515152
215.63838384	0.70	0.5595	
Error	40		12378.81212121
309.47030303			
Corrected Total	43		13025.72727273
R-Square		C.V.	
Root MSE		CUE1 Mean	
	0.049664		88.96986
17.59176805		19.77272727	

Source	DF	Type I SS	
Mean Square	F Value	Pr > F	
DOSE	3		646.91515152
215.63838384	0.70	0.5595	
Source	DF	Type III SS	
Mean Square	F Value	Pr > F	
DOSE	3		646.91515152
215.63838384	0.70	0.5595	
1		ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING	
TRACE INTERVAL TRACE FEAR CONDITIONING			21

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General Linear Models  
Procedure

Source	DF	Sum of Squares	
Mean Square	F Value	Pr > F	
Model	3		122.71060606
40.90353535	0.30	0.8251	
Error	40		5450.83484848
136.27087121			
Corrected Total	43		5573.54545455

	R-Square	C.V.
Root MSE	TRACE1 Mean	
11.67351152	0.022017 7.68181818	151.9629

Source	DF	Type I SS
Mean Square	F Value	Pr > F
DOSE	3	122.71060606
40.90353535	0.30	0.8251

  

Source	DF	Type III SS
Mean Square	F Value	Pr > F
DOSE	3	122.71060606
40.90353535	0.30	0.8251

ANOVA FOR ACTIVITY COUNTS BEFORE AND DURING  
TRACE INTERVAL TRACE FEAR CONDITIONING  
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General Linear Models  
Procedure

Dependent Variable: POST1

Source	DF	Sum of Squares
Mean Square	F Value	Pr > F
Model	3	243.34696970
81.11565657	0.50	0.6842
Error	40	6485.19848485
162.12996212		
Corrected Total	43	6728.54545455

	R-Square	C.V.
Root MSE	POST1 Mean	
12.73302643	0.036166 11.81818182	107.7410

Source	DF	Type I SS
Mean Square	F Value	Pr > F
DOSE	3	243.34696970
81.11565657	0.50	0.6842

  

Source	DF	Type III SS
Mean Square	F Value	Pr > F

DOSE	3	243.34696970
81.11565657	0.50	0.6842

1 M0703 PERCHLORATE TRACE FEAR TESTING  
 DAY1 PERCENT OF BASELINE 23

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OBS	DOSE	_TYPE_	_FREQ_	MID	MPERPOS1	MPERCUE1
MPERTRAC	MPERPOS2	MPERPOS3	MPERPOS4	MPERPOS5	MPER2MN	
1	0	0	11	617.364	20.9721	58.9057
19.6836	30.4644	22.5247	24.3293	32.4024	23.4112	
2	30	0	10	623.900	36.3737	47.3936
15.6627	35.9235	31.9767	45.3415	43.9480	29.9842	
3	300	0	12	617.583	24.3423	48.3102
20.1677	23.9635	21.3696	23.3229	25.1909	22.4608	
4	1000	0	11	619.909	30.3807	40.0581
12.7890	26.9572	27.1431	31.4064	24.4834	24.3175	
1				M0703 PERCHLORATE TRACE FEAR TESTING		
DAY1 PERCENT OF BASELINE					24	

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OBS	DOSE	_TYPE_	_FREQ_	EID	EPERPOS1	EPERCUE1
EPERTRAC	EPERPOS2	EPERPOS3	EPERPOS4	EPERPOS5	EPER2MN	
1	0	0	11	22.3396	7.7125	14.5032
6.0206	8.7136	9.4496	7.8890	9.2898	6.74327	
2	30	0	10	24.7581	10.0496	13.0158
10.1367	12.6165	11.4395	11.5826	12.4740	9.60996	
3	300	0	12	22.2266	7.9627	9.8662
8.2161	6.9892	6.6476	8.6302	9.1104	5.94606	
4	1000	0	11	19.6679	9.8352	9.7914
5.9182	8.5288	10.3996	9.9692	7.9324	7.10483	
1				ANOVA FOR PERCENT OF BASELINE DURING		
TRACE INTERVAL FEAR CONDITIONING					25	

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Procedure	General Linear Models
Information	Class Level
Values	Class Levels
30 300 1000	DOSE 4 0

data set = 44

Number of observations in

1 ANOVA FOR PERCENT OF BASELINE DURING  
TRACE INTERVAL FEAR CONDITIONING 26

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General Linear Models  
Procedure

Dependent Variable: PERCUE1

Source	F Value	DF	Sum of Squares
Mean Square			Pr > F
Model		3	1986.10903605
662.03634535	0.43		0.7336
Error		40	61779.70465600
1544.49261640			
Corrected Total		43	63765.81369205
Root MSE		R-Square	C.V.
		PERCUE1 Mean	
39.30003329	0.031147		80.71855
		48.68773545	

Source	F Value	DF	Type I SS
Mean Square			Pr > F
DOSE		3	1986.10903605
662.03634535	0.43		0.7336

Source	F Value	DF	Type III SS
Mean Square			Pr > F
DOSE		3	1986.10903605
662.03634535	0.43		0.7336

1 ANOVA FOR PERCENT OF BASELINE DURING  
TRACE INTERVAL FEAR CONDITIONING 27

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General Linear Models  
Procedure

Dependent Variable: PERTRAC

Source	F Value	DF	Pr > F	Sum of Squares
Mean Square				
Model	0.21	3	0.8883	411.17432636
137.05810879				
Error		40		25998.25431839
649.95635796				
Corrected Total		43		26409.42864475
				R-Square C.V.
Root MSE				PERTRAC Mean
				0.015569 148.4108
25.49424166				17.17816138

Source	F Value	DF	Pr > F	Type I SS
Mean Square				
DOSE	0.21	3	0.8883	411.17432636
137.05810879				
Source	F Value	DF	Pr > F	Type III SS
Mean Square				
DOSE	0.21	3	0.8883	411.17432636
137.05810879				
1				ANOVA FOR PERCENT OF BASELINE DURING
TRACE INTERVAL FEAR CONDITIONING				28

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General Linear Models  
Procedure

Dependent Variable: PERPOS1				
Source	F Value	DF	Pr > F	Sum of Squares
Mean Square				
Model	0.56	3	0.6421	1464.50390022
488.16796674				
Error		40		34642.59247016
866.06481175				
Corrected Total		43		36107.09637039
				R-Square C.V.
Root MSE				PERPOS1 Mean

	0.040560	106.0743
29.42897912	27.74373014	

Source	Mean Square	F Value	DF	Pr > F	Type I SS
DOSE	488.16796674	0.56	3	0.6421	1464.50390022

Source	Mean Square	F Value	DF	Pr > F	Type III SS
DOSE	488.16796674	0.56	3	0.6421	1464.50390022
1					ANOVA FOR PERCENT OF BASELINE DURING
TRACE INTERVAL FEAR CONDITIONING					29

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General Linear Models  
Procedure

Dependent Variable: PERPOS2

Source	Mean Square	F Value	DF	Pr > F	Sum of Squares
Model	284.36911948	0.31	3	0.8206	853.10735844

Error	928.18047393	40	37127.21895705
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Corrected Total	43	37980.32631549
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Root MSE	R-Square	C.V.
	PERPOS2 Mean	
30.46605445	0.022462	104.8552
	29.05535585	

Source	Mean Square	F Value	DF	Pr > F	Type I SS
DOSE	284.36911948	0.31	3	0.8206	853.10735844

Source	Mean Square	F Value	DF	Pr > F	Type III SS
DOSE	284.36911948	0.31	3	0.8206	853.10735844

1 ANOVA FOR PERCENT OF BASELINE DURING  
TRACE INTERVAL FEAR CONDITIONING 30

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General Linear Models  
Procedure

Dependent Variable: PERPOS3

Source	DF	Sum of Squares
Mean Square	F Value	Pr > F
Model	3	751.26746795
250.42248932	0.25	0.8575
Error	40	39329.77544867
983.24438622		
Corrected Total	43	40081.04291662
R-Square		C.V.
Root MSE	PERPOS3 Mean	
31.35672793	0.018744	122.9074
	25.51247443	

Source	DF	Type I SS
Mean Square	F Value	Pr > F
DOSE	3	751.26746795
250.42248932	0.25	0.8575
Source	DF	Type III SS
Mean Square	F Value	Pr > F
DOSE	3	751.26746795
250.42248932	0.25	0.8575

1 ANOVA FOR PERCENT OF BASELINE DURING  
TRACE INTERVAL FEAR CONDITIONING 31

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General Linear Models  
Procedure

Dependent Variable: PERPOS5

Source	DF	Sum of Squares
Mean Square	F Value	Pr > F
Model	3	2569.93550133
856.64516711	0.83	0.4862

Error	40	41374.56957930
1034.36423948		
Corrected Total	43	43944.50508064
Root MSE	R-Square	C.V.
	PERPOS5 Mean	
32.16153354	0.058481	103.4802
	31.07988115	

Source	DF	Type I SS
Mean Square	F Value	Pr > F
DOSE	3	2569.93550133
856.64516711	0.83	0.4862
Source	DF	Type III SS
Mean Square	F Value	Pr > F
DOSE	3	2569.93550133
856.64516711	0.83	0.4862
1		
TRACE INTERVAL FEAR CONDITIONING		ANOVA FOR PERCENT OF BASELINE DURING
		32

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General Linear Models  
Procedure

Dependent Variable: PER2MIN

Source	DF	Sum of Squares
Mean Square	F Value	Pr > F
Model	3	357.96657427
119.32219142	0.20	0.8938
Error	40	23533.08151766
588.32703794		
Corrected Total	43	23891.04809193
Root MSE	R-Square	C.V.
	PER2MIN Mean	
24.25545378	0.014983	97.51944
	24.87243045	

Source	DF	Type I SS
Mean Square	F Value	Pr > F

	DOSE	3	357.96657427
Mean Square	Source	DF	Type III SS
	F Value	Pr > F	
119.32219142	DOSE	3	357.96657427
119.32219142		0.20	0.8938